

## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: Aug 4, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 4, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For an index of all available Provisional Death Counts for Coronavirus Diseases (COVID-19), [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 8/1/2020.\***

Updated Aug 4, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>140,571</b>	1,576,925	108	148,732	61,132	6,589	233,790
2/1/2020	<b>0</b>	58,456	99	3,785	0	479	4,264
2/8/2020	<b>1</b>	59,206	99	3,789	0	520	4,310
2/15/2020	<b>0</b>	58,522	99	3,812	0	555	4,367
2/22/2020	<b>5</b>	58,597	101	3,680	1	563	4,247
2/29/2020	<b>7</b>	58,941	103	3,806	4	651	4,460
3/7/2020	<b>35</b>	59,104	102	3,931	17	628	4,576
3/14/2020	<b>52</b>	57,894	101	3,918	27	612	4,554
3/21/2020	<b>565</b>	58,643	103	4,510	251	551	5,368
3/28/2020	<b>3,147</b>	62,641	112	6,149	1,423	440	8,263
4/4/2020	<b>9,946</b>	71,881	129	9,866	4,728	477	15,325
4/11/2020	<b>16,090</b>	78,642	142	11,932	7,193	472	20,961
4/18/2020	<b>16,987</b>	76,313	141	11,348	7,281	265	21,130
4/25/2020	<b>15,333</b>	73,329	136	10,310	6,571	143	19,119
5/2/2020	<b>13,046</b>	68,716	128	8,884	5,482	65	16,493
5/9/2020	<b>11,059</b>	66,208	126	7,759	4,668	47	14,187
5/16/2020	<b>9,060</b>	63,810	122	6,670	3,733	20	12,014
5/23/2020	<b>7,072</b>	60,842	117	5,794	2,935	23	9,950
5/30/2020	<b>6,030</b>	58,736	113	5,171	2,442	11	8,770
6/6/2020	<b>4,899</b>	57,641	110	4,785	2,103	11	7,592
6/13/2020	<b>4,103</b>	56,261	109	4,398	1,828	11	6,681

6/20/2020	<b>3,676</b>	55,336	107	4,175	1,554	6	6,303
6/27/2020	<b>3,553</b>	54,340	106	3,945	1,461	10	6,046
7/4/2020	<b>4,005</b>	53,842	104	4,061	1,772	4	6,295
7/11/2020	<b>4,629</b>	53,489	104	4,625	2,197	7	7,064
7/18/2020	<b>4,608</b>	49,076	96	4,326	2,198	11	6,744
7/25/2020	<b>2,405</b>	35,571	70	2,708	1,130	6	3,986
8/1/2020	<b>258</b>	10,888	21	595	133	1	721

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

## Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 8/1/2020.\*

Updated Aug 4, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>140,571</b>	1,576,925	108	148,732	61,132	6,589	233,790
Alabama	<b>1,555</b>	28,057	103	1,942	469	98	3,121
Alaska	<b>15</b>	2,005	91	84	-	-	97
Arizona	<b>3,254</b>	36,933	118	3,812	1,841	114	5,339
Arkansas	<b>465</b>	16,840	103	1,179	195	76	1,525
California	<b>8,412</b>	146,643	105	14,111	4,657	578	18,442
Colorado	<b>1,710</b>	22,446	111	1,979	881	95	2,898
Connecticut	<b>4,089</b>	17,399	106	1,695	912	73	4,942

Delaware	<b>527</b>	5,192	109	425	208	16	760
District of Columbia	<b>672</b>	3,770	120	848	650	-	879
Florida	<b>5,739</b>	115,379	106	9,444	2,835	314	12,650
Georgia	<b>2,922</b>	45,140	103	3,465	1,295	111	5,201
Hawaii	<b>23</b>	5,827	96	346	-	20	382
Idaho	<b>164</b>	7,376	100	362	49	25	502
Illinois	<b>6,831</b>	62,696	115	6,809	3,386	178	10,429
Indiana	<b>2,832</b>	36,070	106	3,425	1,166	132	5,219
Iowa	<b>843</b>	15,649	101	1,097	246	84	1,778
Kansas	<b>339</b>	13,550	99	871	148	89	1,151
Kentucky	<b>696</b>	23,701	95	2,160	336	99	2,618
Louisiana	<b>3,331</b>	26,075	111	2,610	1,582	72	4,425
Maine	<b>134</b>	7,609	101	518	28	31	655
Maryland	<b>3,743</b>	30,131	117	3,159	1,384	126	5,628
Massachusetts	<b>7,826</b>	37,731	122	4,988	2,817	163	10,152
Michigan	<b>5,702</b>	56,344	112	5,677	2,787	240	8,827
Minnesota	<b>1,563</b>	24,111	106	1,810	429	121	3,064
Mississippi	<b>1,423</b>	17,941	110	1,884	675	53	2,685
Missouri	<b>1,099</b>	32,761	98	1,992	361	178	2,908
Montana	<b>43</b>	5,129	96	255	-	34	325
Nebraska	<b>300</b>	8,494	97	638	118	28	848
Nevada	<b>693</b>	13,894	103	1,323	515	41	1,542
New Hampshire	<b>398</b>	6,798	107	446	110	30	763
New Jersey	<b>13,930</b>	54,086	141	9,412	6,748	121	16,701
New Mexico	<b>580</b>	9,825	103	774	247	29	1,136
New York <sup>7</sup>	<b>11,323</b>	63,719	123	9,698	5,496	209	15,716
New York City	<b>20,535</b>	53,946	194	10,654	7,903	963	23,416
North Carolina	<b>1,412</b>	40,953	83	2,894	530	228	4,002
North Dakota	<b>118</b>	3,623	99	300	34	20	404
Ohio	<b>2,881</b>	63,095	99	4,130	1,212	261	6,059
Oklahoma	<b>492</b>	19,395	95	1,687	193	110	2,090
Oregon	<b>294</b>	18,351	97	895	98	65	1,155
Pennsylvania	<b>7,424</b>	72,148	103	6,011	2,670	223	10,984
Rhode Island	<b>971</b>	5,767	107	619	371	25	1,244

South Carolina	<b>1,181</b>	27,343	108	1,859	457	99	2,681
South Dakota	<b>138</b>	4,052	96	318	61	26	421
Tennessee	<b>893</b>	39,040	102	2,918	364	132	3,578
Texas	<b>6,167</b>	110,281	106	9,695	2,888	348	13,316
Utah	<b>271</b>	10,215	104	577	95	40	793
Vermont	<b>57</b>	3,069	103	163	14	16	222
Virginia	<b>2,232</b>	37,747	107	2,341	761	112	3,922
Washington	<b>1,319</b>	28,997	98	2,224	695	111	2,954
West Virginia	<b>109</b>	8,886	76	643	38	58	772
Wisconsin	<b>879</b>	28,315	104	1,423	148	150	2,302
Wyoming	<b>22</b>	2,381	102	143	-	-	167
Puerto Rico	<b>186</b>	13,405	88	1,657	99	64	1,806

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017-2019.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes New York City.

## Understanding the Numbers: Provisional Death Counts and COVID-19

*Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

### How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new ICD-10 code.** When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

### Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

### Things to know about the data

**Provisional counts are not final and are subject to change.** Counts from previous weeks are continually revised as more records are received and processed.

**Provisional data are not yet complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

**Death counts should not be compared across states.** Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.